

June 23, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 5-20-9-17, 6-20-9-17, 7-20-9-17, 8-20-9-17, 9-20-9-17, 10-20-9-17, 11-20-9-17, 12-20-9-17, 13-20-9-17, 14-20-9-17, 15-20-9-17, and 16-20-9-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-20-9-17 and 14-20-9-17 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

RECEIVED

JUN 2 6 2006

DIV. OF OIL, GAS & MINING

mc enclosures

Form 3160-3 (September 2001)	FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004					
UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAG	5. Lease Serial No. UTU-77369					
	6. If Indian, Allottee or Tribe	Name				
APPLICATION FOR PERMIT TO DE	RILL OR REENIER		N/A			
la. Type of Work: DRILL REENTE	R		7. If Unit or CA Agreement, Name and No. N/A			
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other	🗵 Single Zone 🗖 Multi	ple Zone	8. Lease Name and Well No. Federal 14-20-9-17			
Name of Operator Newfield Production Company			9. API Well No. 43-013-	3 <i>3233</i>		
3a. Address Route #3 Box 3630, Myton UT 84052		10. Field and Pool, or Explorate Monument Butte	ory			
4. Location of Well (Report location clearly and in accordance with At surface SE/SW 420' FSL 2044' FWL 5826. At proposed prod. zone 447a		11. Sec., T., R., M., or Blk. and Survey or Area SE/SW Sec. 20, T9S R17E				
14. Distance in miles and direction from nearest town or post office*	te in miles and direction from nearest town or post office*			13. State		
Approximatley 17.4 miles southeast of Myton, Utah 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 420' f/lse, NA' f/unit	16. No. of Acres in lease	17. Spacin	Duchesne UT ing Unit dedicated to this well 40 Acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1358'	19. Proposed Depth 5650'		/BIA Bond No. on file UTB000192			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	ırt*	23. Estimated duration			
5459' GL	4th Quarter 2006					
	24. Attachments					
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	4. Bond to cover the Item 20 above). 5. Operator certific	he operation ation. specific info	s form: ns unless covered by an existing ormation and/or plans as may be			
25. Signature Congres Title Regulatory Specialist	Name (Printed/Typed) Mandie Crozier		Date 6/20	0/06		
Approved by (Stenature) Title	BRADLEY G. H	NAGER		5-29-06		
Application approval does not warrant or certify the the applicant holds le operations thereon.	gal or equitable title to those rights in	the subject l	ease which would entitle the appl	icant to conduct		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Fadoral Approval of the Agency of the Agency of Agency of Agency of the Agency of the

*(Instructions on reverse)

Conditions of approval, if any, are attached.

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JUN 2 6 2006

DIV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.

2641.52' (Measured) N89'52'W - 80.02 (G.L.O.) N89°52'W G.L.O. (Basis of Bearings) N89°29'07"W - 2634.73' (Meas.) BRASS CAP BRASS CAP BRASS CAP (Meas.) 79, WELL LOCATION: (G.L.O.) NOO'29'10"E *NOO'17'10"* .0.) S. PLEASANT VALLEY 14-20-9-17 ELEV. UNGRADED GROUND = 5459.3 1910 BRASS CAP (Meas.) N00°03'W N00.00N 1910 BRASS CAP Proposed DRILLING WINDOW .58,56, DetailNo Scale 2044 1910 1910 1910 Detail At BRASS CAP BRASS CAP BRASS CAP N89'37'26"W - 2643.08' (Meas.) N89°35'53"W - 2643.39' (Meas.) \$89.55'W - 80.02 (G.L.O.)

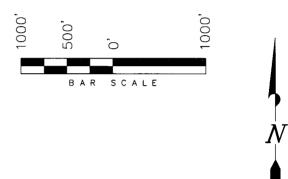
= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) S. PLEASANT VALLEY 14-20-9-17 (Surface Location) NAD 83 LATITUDE = 40.00'37.18"LONGITUDE = 110° 01' 57.19"

(G.L.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION. S. PLEASANT VALLEY 14-20-9-17, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 20, T9S. R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781 - 2501

DATE SURVEYED: 04-26-06	SURVEYED BY: D.P.
DATE DRAWN: 05-01-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY FEDERAL #14-20-9-17 SE/SW SECTION 20, T9S, R17E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

Uinta 0' - 1970' Green River 1970' Wasatch 5650'

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation 1970' - 5650' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY FEDERAL #14-20-9-17 SE/SW SECTION 20, T9S, R17E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #14-20-9-17 located in the SE 1/4 SW 1/4 Section 20, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton. Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly -0.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly -2.0 miles \pm to it's junction with the beginning of the proposed access road to the southwest; proceed southwesterly along the proposed access road -1.2 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon. Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-206, 6/15/05 Paleontological Resource Survey prepared by, Wade E. Miller, 6/2/05. See attached report cover pages, Exhibit "D".

For the Federal #14-20-9-17 Newfield Production Company requests a 2,050° ROW be granted in Lease UTU-13905 and 4,220° of disturbed area be granted in Lease UTU-77369 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18° crown road (9° either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 2,050' ROW be granted in Lease UTU-13905 and 4,220' of disturbed area be granted in Lease UTU-77369 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Exceptional Spacing

According to Rule R649-3-2, which governs the location of wells in the State of Utah. Newfield Production is required to request administrative approval for a location exception from all non-unitized lease interest owners within a 460-foot radius of the new proposed location. Our Land Department in Denver has been notified of this exception location and will submit the required Exception Location Letter to all affected lease interest owners.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte. Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

6 lbs/acre Pascopyrum Smithii Western Wheatgrass 6 lbs/acre Hilaria Jamesii Galletta Grass

Details of the On-Site Inspection

The proposed Federal #14-20-9-17 was on-sited on 4/28/06. The following were present: Shon Mckinnon (Newfeild Production). Chris Carusona (Bureau of Land Management). and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION 13.

Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

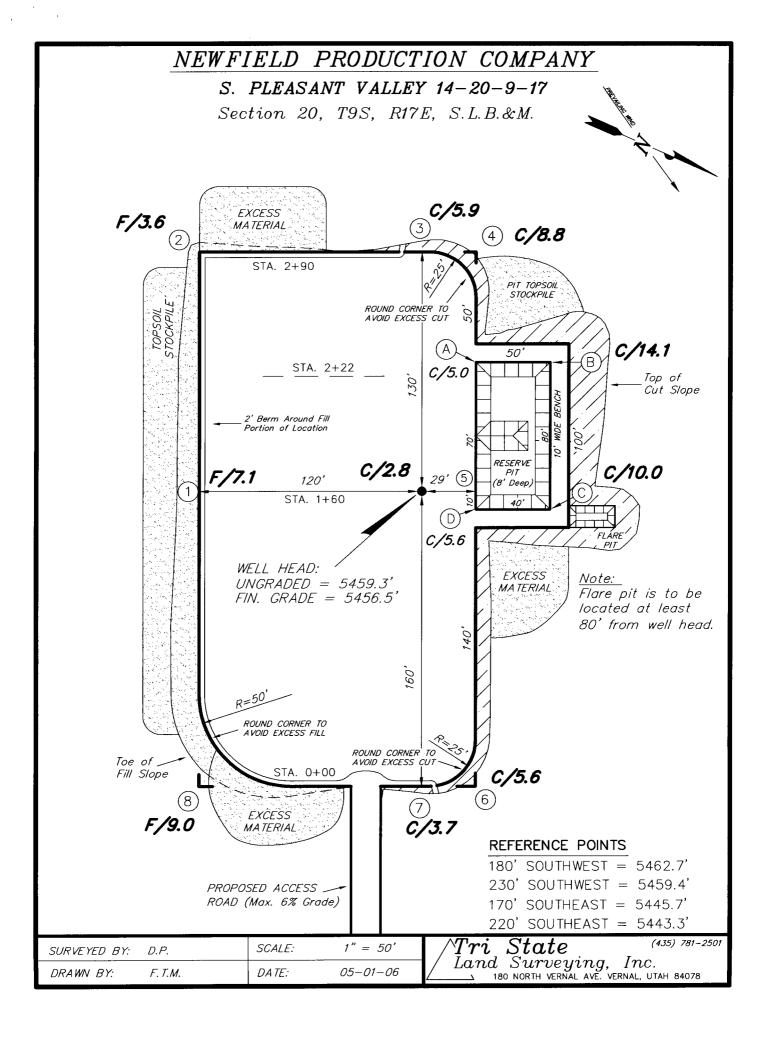
(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #14-20-9-17 SE/SW Section 20. Township 9S. Range 17E: Lease UTU-77369 Duchesne County. Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are

true and correct to the best of my knowledge; and proposed here will be performed by Newfield Prosubcontractors in conformity with this plan and tapproved. This statement is subject to the provise	duction Company and its contractors and he terms and conditions under which it is
statement.	1
6/23/06	Mandie Crozier
Date	Regulatory Specialist
	Newfield Production Company



NEWFIELD PRODUCTION COMPANY CROSS SECTIONS PLEASANT VALLEY 14-20-9-17 20, 1" = 50'STA. 2+90 20, П STA. 2+22 1" = 50'EXISTING GRADE FINISHED GRADE WELL HOLE П 1" = 50'STA. 1+60 20, II 1" = 50'STA. 0+00 ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards) CUT FILL 6" TOPSOIL EXCESS ITEM PAD 4,400 Topsoil is 4,410 10 NOTE: not included in Pad Cut UNLESS OTHERWISE NOTED PIT 640 640 CUT SLOPES ARE AT 1:1 FILL SLOPES ARE AT 1.5:1 TOTALS 5.050 4,400 1,050 650 Tri State (435) 781-. Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501 SCALE: 1" = 50'SURVEYED BY: D.P.

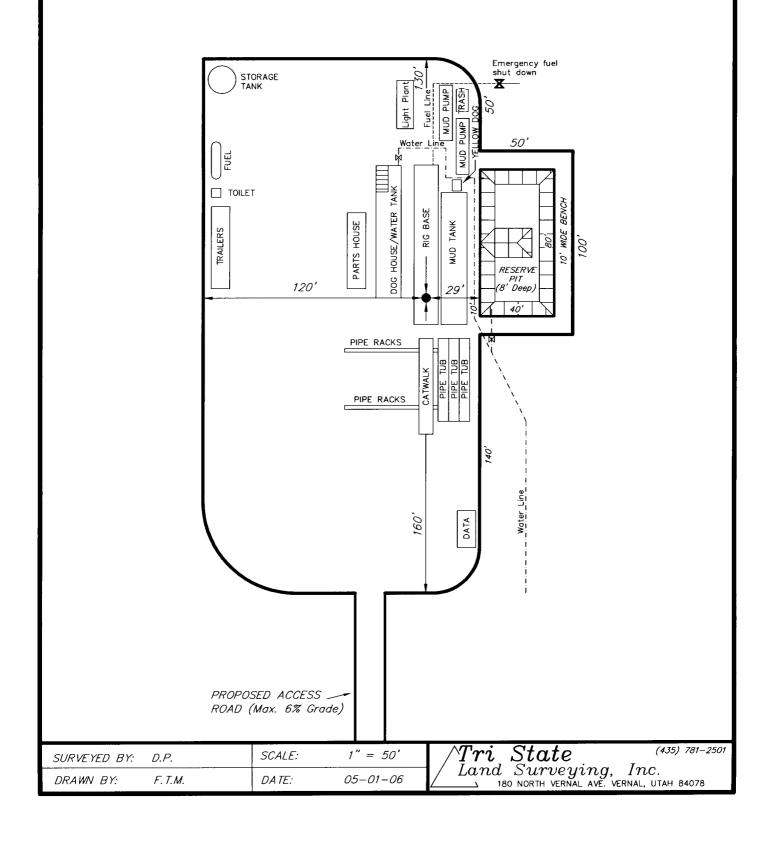
DRAWN BY:

F. T.M.

DATE:

05-01-06

NEWFIELD PRODUCTION COMPANY TYPICAL RIG LAYOUT S. PLEASANT VALLEY 14-20-9-17



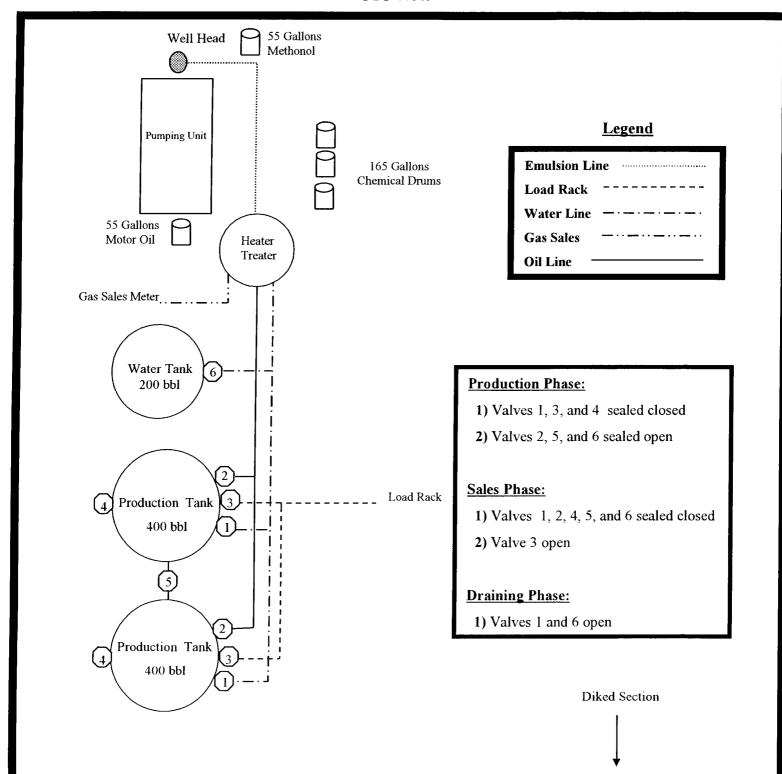
Newfield Production Company Proposed Site Facility Diagram

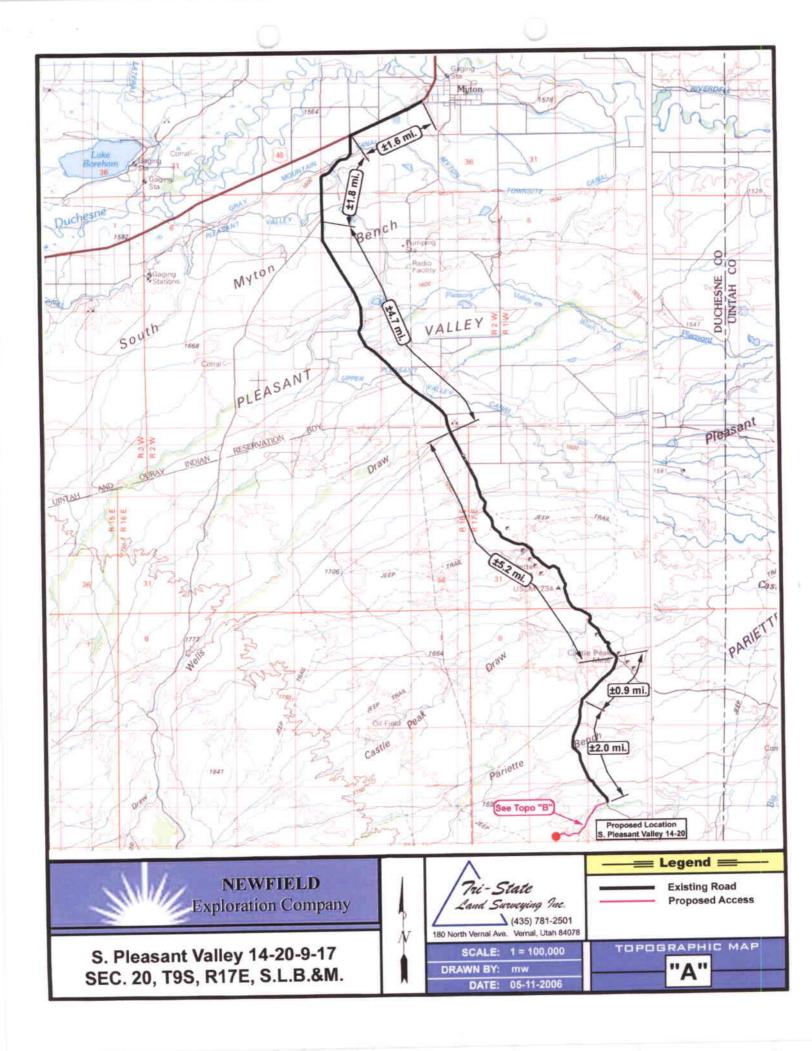
Federal 14-20-9-17

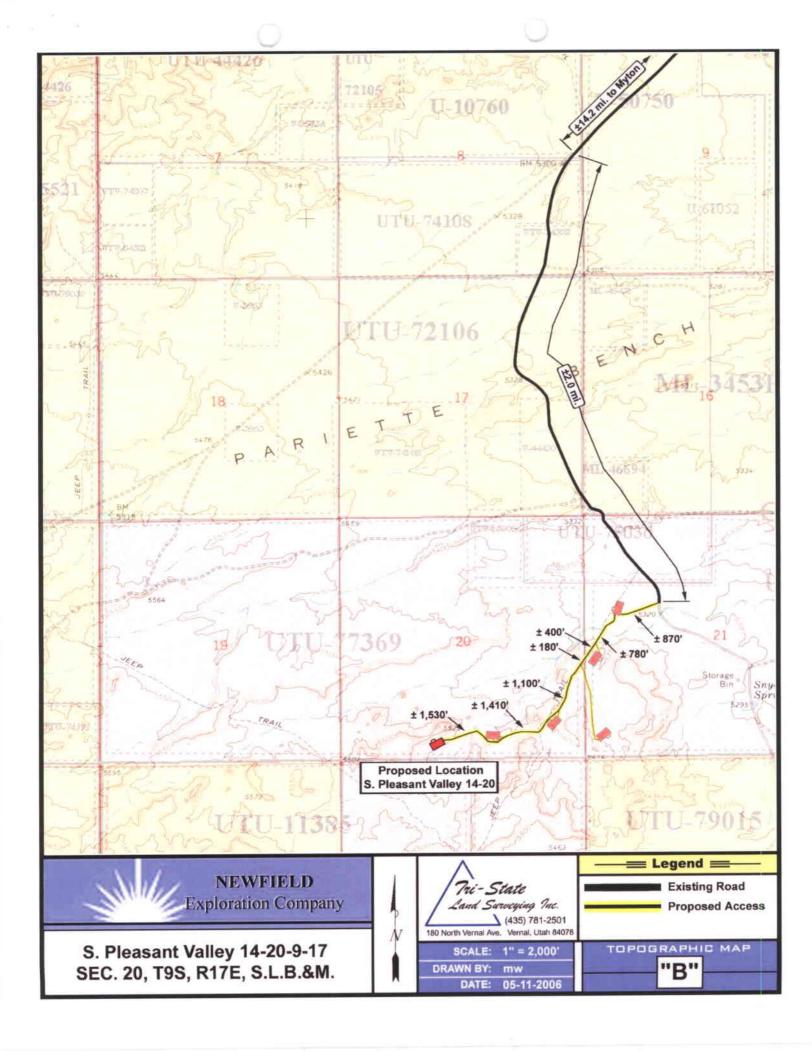
SE/SW Sec. 20, T9S, 17E

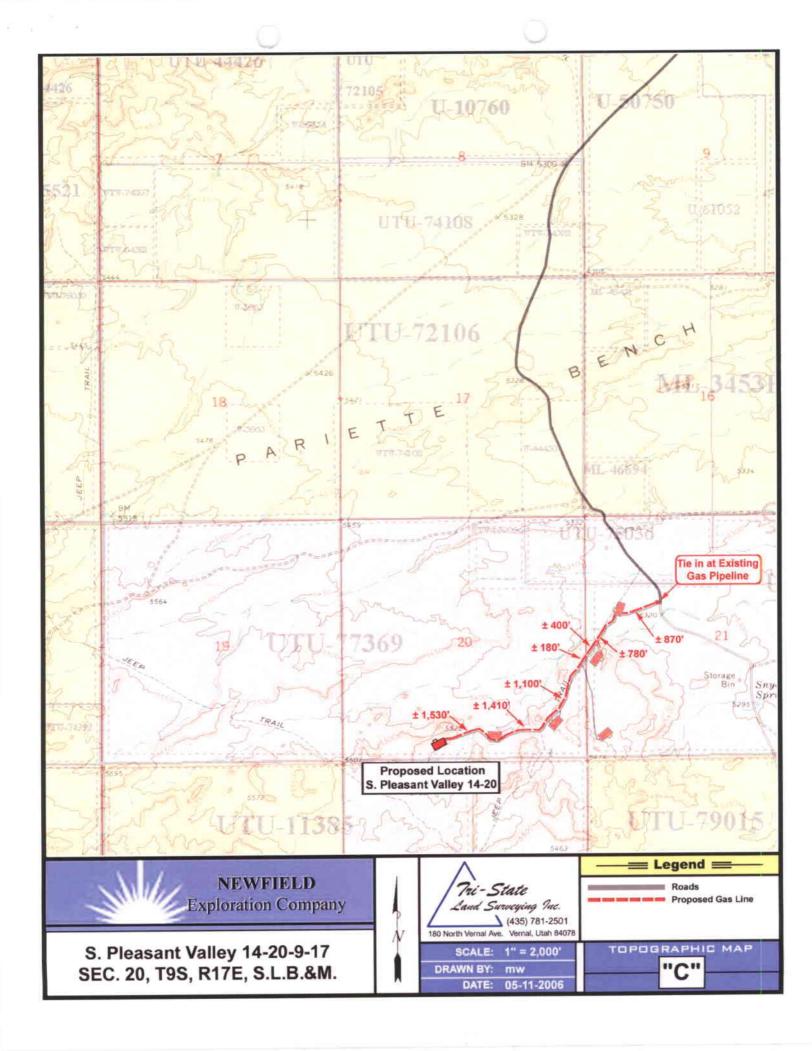
Duchesne County, Utah

UTU-77369

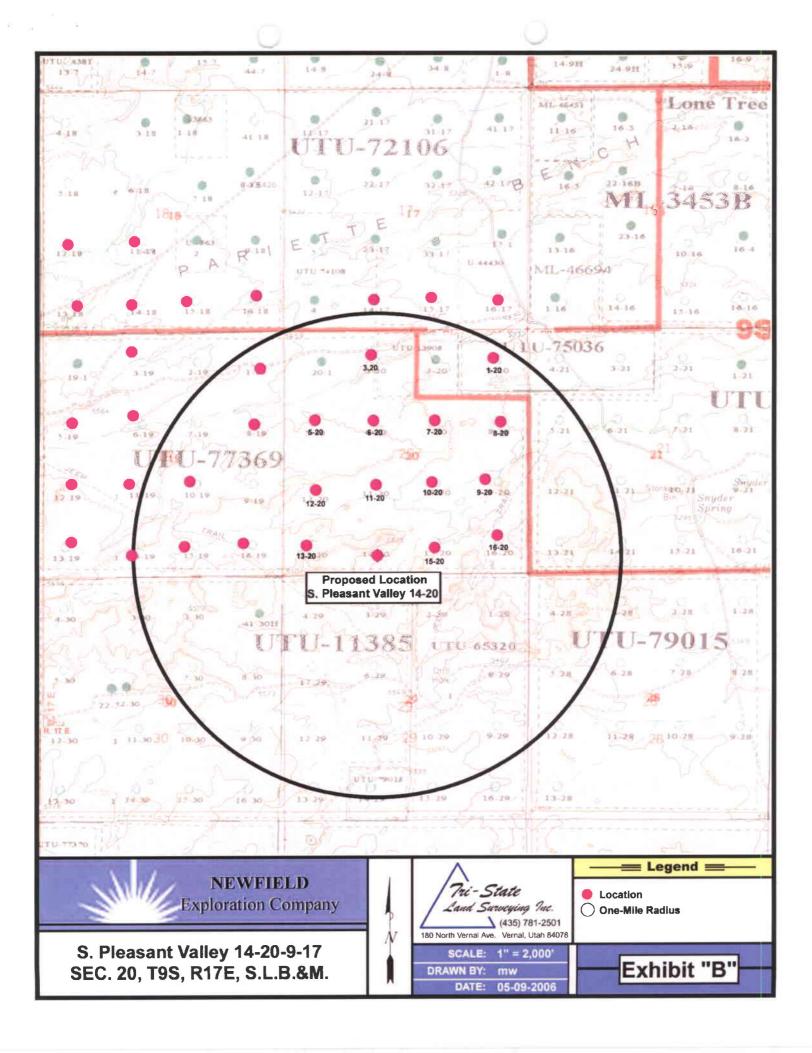








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2-M SYSTEM

Blowout Prevention Equipment Systems

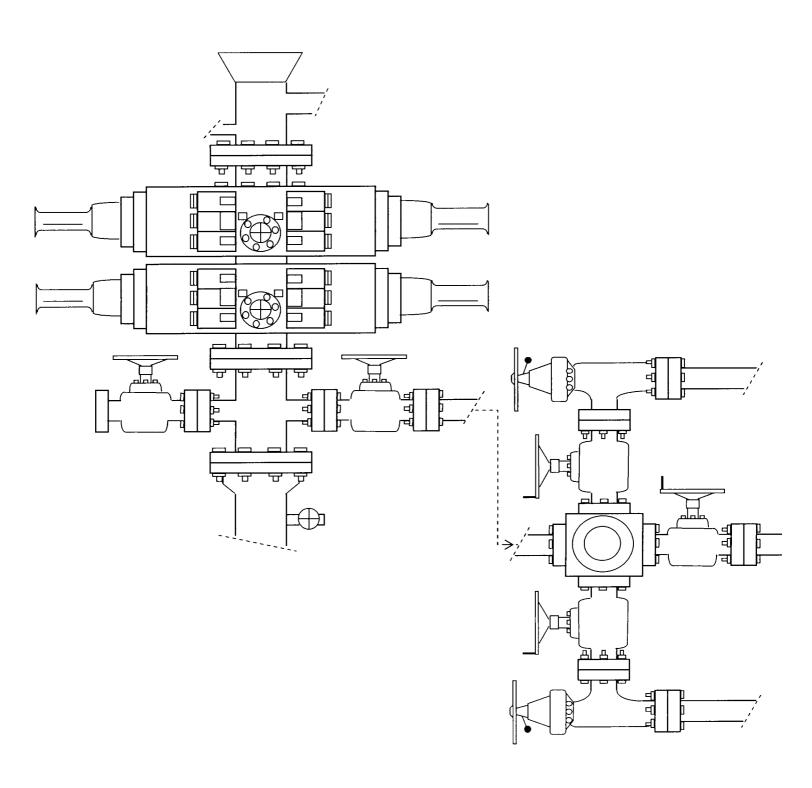


EXHIBIT C

Exhibit "D"

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCELS IN T9S, R17E, SEC. 19, 20, 21 & 22 DUCHESNE COUNTY, UTAH

Katie Simon

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Route 3 Box 3630 Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 04-206

June 15, 2005

United States Department of Interior (FLPMA) Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0516b

NEWFIELD PRODUCTION COMPANY

PALEONTOLOGICAL SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

Section 20, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4; NW 1/4, NE 1/4; NE 1/4, NW 1/4; and NW 1/4, NW 1/4]; Section 21, T 9 S, R 17 E [entire section excluding the NE 1/4, NE 1/4], and Section 3, T 9 S, R 16 E, the following parcels [NW 1/4, NE 1/4; SW 1/4, NE 1/4; SE 1/4, NE 1/4; NE 1/4; NE 1/4; SE 1/4; SW 1/4, SE 1/4; SW 1/4, SE 1/4 and SE 1/4, SE 1/4].

REPORT OF SURVEY

Prepared for:

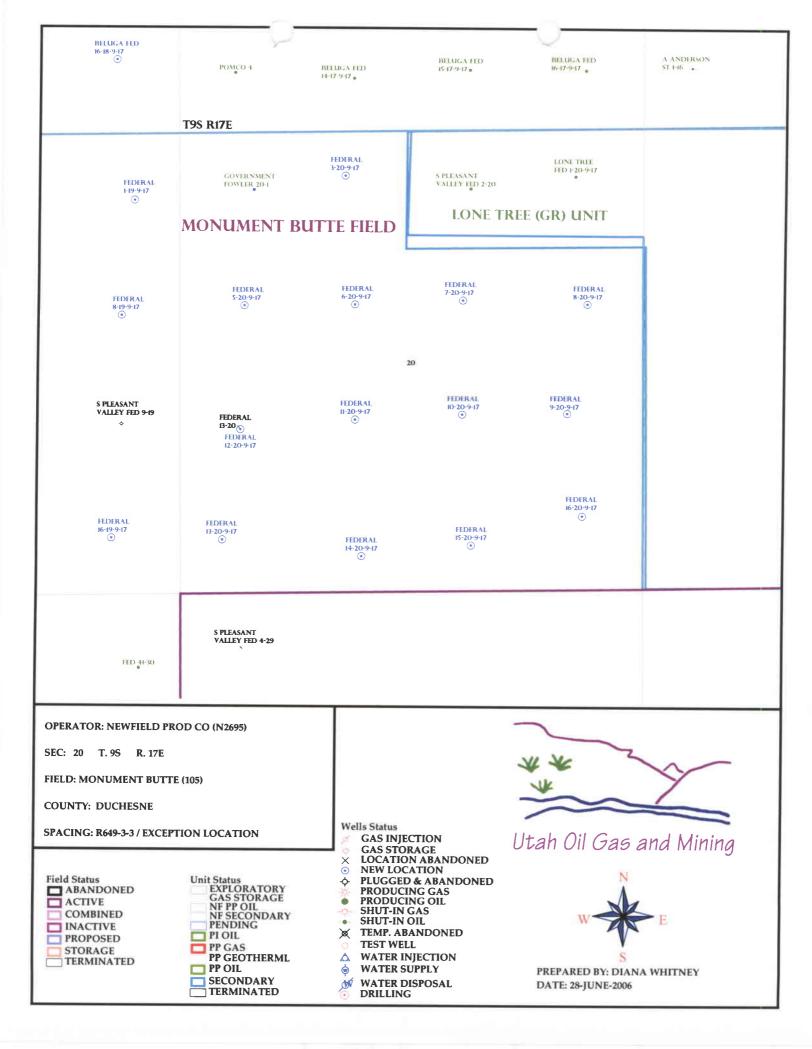
Newfield Production Company

Prepared by:

Wade E. Miller Consulting Paleontologist June 2, 2005

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/26/2006	API NO. ASSIGNED: 43-013-33233					
WELL NAME: FEDERAL 14-20-9-17 OPERATOR: NEWFIELD PRODUCTION (N2695) CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721					
PROPOSED LOCATION:	INSPECT LOCATN BY: / /					
SESW 20 090S 170E SURFACE: 0420 FSL 2044 FWL	Tech Review Initials Date					
BOTTOM: 0420 FSL 2044 FWL	Engineering					
COUNTY: DUCHESNE	Geology					
LATITUDE: 40.01038 LONGITUDE: -110.0318 UTM SURF EASTINGS: 582638 NORTHINGS: 4429148	Surface					
FIELD NAME: MONUMENT BUTTE (105) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-77369 SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO					
Plat Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill					
STIPULATIONS: 1- Ledera Capping 2- Spacing Sip						





June 27, 2006

Utah Division of Oil, Gas & Mining P.O. Box 145801 Attn: Diana Whitney Salt Lake City, Utah 84114-5801

Re: Exception Location: Federal 14-20-9-17; UTU-77369 Duchesne Cty., Utah

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The location referenced above is an exception location under Rule 649-3-2, being 41' south of the drilling window tolerance for the SESW of Sec 20-T9S-R17E. The attached plat depicts the proposed drillsite location and illustrates the deviation from the drilling window, in accordance with Rule R649-3-2. This location has been selected to avoid extreme terrain.

Please note the proposed location is staked on Federal lease UTU-77369. The drillsite lease and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location is owned by Newfield Production Company.

If you have any questions or need additional information please contact me at (303) 382-4479. Thank you for your assistance in this matter.

Sincerely,

Rhonda Deimer Land Associate

RECEIVED
JUN 2 9 2006

DIV. OF OIL, GAS & MINING

Form 3)60-3				FORM APPI OMB No. 10 Expires January	04-0136			
(September 2001) UNITED STATES DEPARTMENT OF THE INT BUREAU OF LAND MANAGI	TERIOR EMENT			5. Lease Serial No. UTU-77369 6. If Indian, Allottee or Tribe Name				
APPLICATION FOR PERMIT TO DRI	ILL OR RE	ENTER		N/A				
APPLICATION				7. If Unit or CA Agreen	ient, Nam	and No.		
Is. Type of Work: DRILL REENTER			_	N/A	4.5.7			
140 775		igle Zonc 🔲 Multip	7-44	8. Lease Name and Well No. Federal 14-20-9-17				
1b. Type of Well: Oil Well Gas Well Other 2. Name of Operator	le Zone	9. AFI Well No.						
		(include area code)		10. Field and Pool, or Ex	plomory			
3n. Address	36. Phone No (435)) 646-3721		Manument Butt	9			
Route #3 Box 3630, Myton UT 84052				11. Sec., T., R., M., or B	lk, and S	JEYEY OF ALCE		
4. Location of Well (Report location clearly and in accordance with a At surface SE/SW 420' FSL 2044' FWL	ту шасе годо-	,,		SE/SW Sec. 20.	. 1795 R1	7 Ē		
At proposed prod. zone				12. County or Patish		13. State		
14. Distance in miles and direction from nearest town or post office*				Duchesne		<u>ut</u>		
Approximatley 17.4 miles southeast of Myton, Utah	16, No. of A	ores in lease	17. Spacing	ing Unit dedicated to this well				
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 420' f/ase, NA' f/unit		9.60		40 Acres				
(Also to nearest ung. that this, if any	(Also to nearest deig. unit line, it any)			M/BIA Bond No. on file				
18. Distance from proposed location* to nonest well, drilling, completed, applied for, on this lease, ft. Approx. 1358		50'		UTB000192				
21. Elevations (Show whother DF, KDB, RT, GL, etc.)		imate date work will sta arter 2006	irt*	Approximately seven (7) days from spud in tig release.				
5459' GL		chments						
			tached to this	form:				
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 		4. Bond to cover to ltem 20 above).	the operation cation. specific inf	ns unices covered by an				
25. Signature	Nam	e (Printed/Typed)			Date 6/20)/0 6		
W lande roger	¦ Ma	ndie Crozier			1			
Title Regulatory Specialist					L Date			
Approved by (Signature)	Nan	se (Printed/Typed)			1			
Title	Offi							
Application approval does not warrant or certify the the applicant holds								
Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make States any false, fictitious or fraudulent statements or representations as	it a orime for s to any matter	any person knowingly within its jurisdiction.	and willfully	to make to any doposto.		AII		

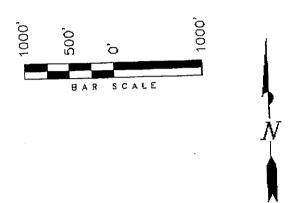
*(Instructions on reverse)

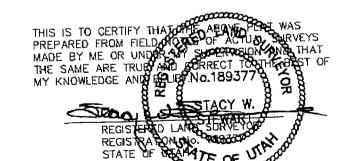
RECEIVED JUN 2 9 2006 DIV. OF OIL, GAS & MINING

90

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, S. PLEASANT VALLEY 14-20-9-17, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 20, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

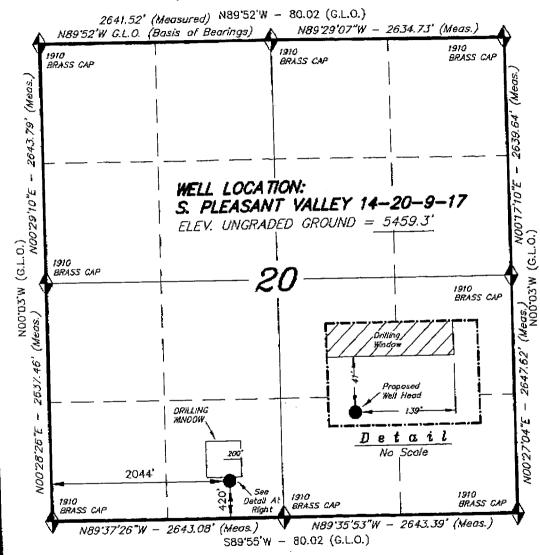




TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

(435) 761-2301					
DATE SURVEYED: 04-26-06	SURVEYED BY: D.P.				
DATE DRAWN: 05-01-06	DRAWN BY: F.T.M.				
REVISED:	SCALE: 1" = 1000'				

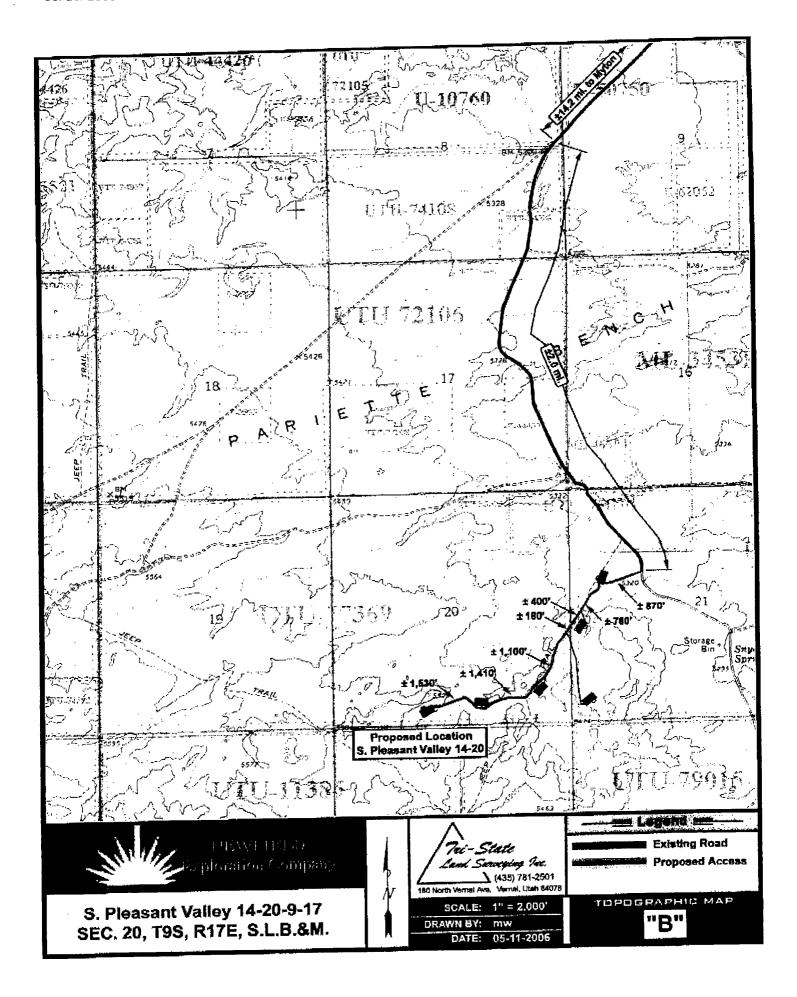
T9S, R17E, S.L.B.&M.



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

S. PLEASANT VALLEY 14-20-9-17 (Surface Location) NAD 83 LATTUDE = 40°00'37.18" LONGITUDE = 110°01'57.19"





Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

June 29, 2006

Newfield Production Company Route #3 Box 3630 Myton, Utah 84052

Re: Federal 14-20-9-17 Well, 420' FSL, 2044' FWL, SE SW, Sec. 20, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33233.

Sincerely

Gil Hunt
Associate Director

mf Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company						
Well Name & Number	Federal	14-20-9-17					
API Number:	43-013-	-33233					
Lease:	UTU-7	7369					
Location: SE SW	Sec. 20	T. 9 South	R. <u>17 East</u>				

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

FORM APPROVED ORM 3160-5 UNITED STATES DEPARTMENT OF THE INTERIOR Budget Bureau No. 1004-0135 (June 1990) **BUREAU OF LAND MANAGEMENT** Expires: March 31, 1993 5. Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS UTU-77369 Do not use this form for proposals to drill or to deepen or reentry a different reservoir. 6. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT -" for such proposals NA 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE NA 1. Type of Well 8. Well Name and No. Oil Gas X FEDERAL 14-20-9-17 Well Well 9. API Well No. 43-013-33233 2. Name of Operator NEWFIELD PRODUCTION COMPANY 10. Field and Pool, or Exploratory Area MONUMENT BUTTE 3. Address and Telephone No. Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721 11. County or Parish, State 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) **DUCHESNE COUNTY, UT.** 420 FSL 2044 FWL SE/SW Section 20, T9S R17E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent Abandonment **New Construction** Recompletion Non-Routine Fracturing Subsequent Report Plugging Back Water Shut-Off Casing Repair Final Abandonment Notice Altering Casing Conversion to Injection **Permit Extension** Dispose Water Other (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 6/29/06 (expiration 6/29/07). **RECEIVED** This APD has not been approved yet by the BLM. MAY 3 1 2007 Approved by the Utah Division of DIV. OF OIL, GAS & MINING Oil, Gas and Mining

Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33233 Well Name: Federal 14-20-9-17 Location: SE/SW Section 20,T9S R17E Company Permit Issued to: Newfield Production Company Date Original Permit Issued: 6/29/2006						
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.						
Following is a checklist of some items related to the application, which should be verified.						
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□						
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑						
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No⊡						
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑						
Has the approved source of water for drilling changed? Yes□Noা☑						
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑						
Is bonding still in place, which covers this proposed well? Yes ☑ No ☐						
Mandio Cusius 5/29/2007 Signature Date						
Title: Regulatory Specialist						
Representing: Newfield Production Company						

Form 3160-3 (September 2001)

RECEIVED

UNITED STATES

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

DEPARTMENT OF THE IN BUREAU OF LAND MANAG	סנ	5. Lease Serial No. UTU-77369					
APPLICATION FOR PERMIT TO DR		EENTED		6. If Indian, Allottee	or Tribe N		
AFFEIGATION FOR FERMIN TO BR		LLNIER		N/A			
la. Type of Work: DRILL REENTER	,		** *	7. If Unit or CA Agre	ement, Na	me and No.	
The Division of the Control of the C				N/A			
1b. Type of Well: Oil Well Gas Well Other	XI s	ingle Zone D Multir	ole Zone				
2. Name of Operator		ingle Zone - Mulup	ne Zone				
Newfield Production Company							
3a. Address	7. If Unit or CA Agreement, Name N/A 8. Lease Name and Well No. Federal 14-20-9-17 Poduction Company 3b. Phone No. (include area code) 7. If Unit or CA Agreement, Name N/A 8. Lease Name and Well No. Federal 14-20-9-17 9. API Well No. 43-013-3323						
Route #3 Box 3630, Myton UT 84052	(43	5) 646-3721		Monument Bu	•	,	
4. Location of Well (Report location clearly and in accordance with a		11. Sec., T., R., M., or	Blk. and S	urvey or Area			
At surface SE/SW 420' FSL 2044' FWL		·					
At proposed prod. zone		SE/SW Sec. 20, T9S R17E					
14. Distance in miles and direction from nearest town or post office*		12. County or Parish	T	13. State			
Approximatley 17.4 miles southeast of Myton, Utah	Duchesne		UT				
15. Distance from proposed* location to nearest	16. No. of	Acres in lease	17. Spacin	. Spacing Unit dedicated to this well			
property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 420' f/lse, NA' f/unit	118	39.60	40 Acres	40 Acres			
18. Distance from proposed location*	19. Propos	ed Depth	20. BLM/I	BIA Bond No. on file			
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1358'	56	550'	ι	UTB000192 WYB000493			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approx	imate date work will sta	rt*	* 23. Estimated duration			
5459' GL	4th Qu	arter 2006		Approximately seven (7) days from spud to rig release			
	24. Atta	achments					
The following, completed in accordance with the requirements of Onshor	e Oil and Ga	order No.1, shall be att	ached to this	s form:			
1. Well plat certified by a registered surveyor.			ne operation	ns unless covered by an	existing b	ond on file (see	
2. A Drilling Plan.	r 1. d	Item 20 above). 5. Operator certific	ation.				
A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).	Lands, the	,	specific info	ormation and/or plans a	s may be	required by the	
25. Signature	Name	(Printed/Typed)			Date		
YY lande Crosses	ndie Crozier			6/20/	06		
Title	,						
Regulatory Specialist							
Approved by (Signature)		e (Printed/Typed)			Date		
Title Assistant Field Manager		TERRY KENLEKA			10-29	-2007	
THE ANDRESTON LIGHT MICHEAN	Offic		m				

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Lands & Mineral Resources

NOTICE OF APPROVAL NOV 0 2 2007

07CXS0042A

DIV. OF OIL. GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Newfield Production Company

Location:

SESW, Sec. 20, T9S, R17E

Well No: API No: Federal 14-20-9-17

43-013-33233

Lease No:

UTU-77369

Agreement:

t: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	, ,
NRS/Enviro Scientist:	-	(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	, ,
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 8 Well: Federal 14-20-9-17

10/23/2007

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

• If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

 If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

LEASE STIPULATIONS AND NOTICES

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Mountain Plover and Burrowing Owl
 habitats. Modifications to the Surface Use Plan of Operations may be required in order to
 protect the Mountain Plover and Burrowing Owl habitats from surface disturbing activities in
 accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (for construction and drilling) **May 15 through June 15** in order to protect Mountain Plover habitat, and **Feb 1 through July 15** to protect Golden Eagle nesting season.

CONDITIONS OF APPROVAL

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc., signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- Right of way (ROW) will be required for:
 - > 2050 feet by 30 feet width in Lease UTU-13905 for access roads
 - > 2050 feet by 50 feet width in Lease UTU-13905 for gas lines
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment.

Page 3 of 8 Well: Federal 14-20-9-17

10/23/2007

If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Western Wheatgrass (*Pascopyrum smithii*) 6 lbs/acre Galleta Grass (*Hillaria jamesii*) 6 lbs/acre

- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

Page 4 of 8 Well: Federal 14-20-9-17 10/23/2007

 The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Page 5 of 8

Well: Federal 14-20-9-17 10/23/2007

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

 A Cement Bond Log (CBL) shall be run from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in</u> advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

Page 6 of 8 Well: Federal 14-20-9-17

10/23/2007

 A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
 Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 7 of 8 Well: Federal 14-20-9-17

10/23/2007

OPERATING REQUIREMENT REMINDERS:

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 8 of 8 Well: Federal 14-20-9-17

10/23/2007

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
 Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
 order that a representative may witness plugging operations. If a well is suspended or
 abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
 Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
 plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
 casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	npany:	NEWFIEL	D PRODU	UCTION CO	MPANY	
Well Name:		FEDERAL	14-20-9-1	17		
Api No:	43-013-3323	33		_Lease Type:	FEDERAL	
Section 20	Township_	09S Range	2 17E	_County	DUCHESNE	
Drilling Con	ntractor	ROSS DRILI	LING	RIG	i#	
SPUDDE	D:					
	Date	05/05/08	_			
	Time	1:00 PM				
	How	DRY				
Drilling wi	II Commenc	e:				
Reported by		JUSTIN C	RUM			, <u></u>
Telephone #_		(435) 823-	6733			
Date	05/05/08	Signed	CHD			

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630

OPERATOR ACCT. NO. N2695

MYTON, UT 84052

CVARRENT	NEW	40000								
ENTITY NO.	ЕНТЯТУ МО.	APTNUMBER	WELL NAME			WELL	LOCATION			
99999	16842	4304736244	FEDERAL 6-30-8-18			TP TP	AG	CODE	BPUD DATE	OFFECTIVE DATE
OMMENTS: G	eev		3.012 000-10	SENW	30	88	18E	UINTAH	4/30/2008	5/8/0
CURRENT ENTITY NO.	NEV/	APVNIMMER	WELL NAME							
				00	8C			COLETT	SPUD	EFFECTIVE
99999	<u> 1/6843</u>	4301333854	STATE 16-16-9-16	SESE	16	98	16E			5/8/02
61	IW				<u></u>				1 400/2006	12/0/00
CURRENT ENTITY NO.	NEW	API NUMBER	WELL ANDE	_						
	1 1		***************************************	qq	EC	WELL I		7711979	SPEED.	EFFECTIVE
99999	16844	4301333234	FEDERAL 15-20-9-17	SMGE	20	-				
GR	RV			2442E	20	98	17E	DUCHESNE	5/1/2008	5/8/08
CURRENT	NEW	API MI MARKE D								
ENTITY NO.	ENTITY NO.		MELT HANE	80		WELL LO			SND	T
99999	14844	4304734287	SUNDANCE FED 14-31-8-18	NESW					DATE	PATE
0101		BHL=	SESW	1 DESW	31	85]	18E	UINTAH	5/3/2008	5/8/08
ENTRY NO.	EMITTY NO.	API NUMBER	WELL NAME	T		WELL LA				
99999	16845	4301333233	FEDERAL 14.20.0.47	63	8C	TP	RG	COLINTY	BPUD DATE	EFFECTIVE DATE
WENTS: GR	RV			SESW	20	98	17E	DUCHESNE	5/5/2008	5/8/08
CURRENT	NEW	AT Mance								
	ENTITY NO.		WELL HAVE	~					SPID I	
99999 MENT9: (1 Q)	116846] Od	4304739634	UTE TRIBAL 7-23-4-1						DATE	DATE DATE
674	N						l	INTAH	5/2/2008	5/8/08
outply tot wan met (sim	rie well on in								_) —	
te existing entity group ene existing entity to an from one existing entity	or unit well) Office existing entity to a new entity		RECEIVED				-	Sprathe	1Re	Jentri Park
MMENT section to exp	lain why each Action Coda	Wit suiteded	MAY 0 8 2008				Pr	oduction Clerk		05/08/B8
			DIV. OF OIL, GAS & MINING				ĺ			Date
	CURRENT ENTITY NO. 99999 MENTS: CURRENT ENTITY NO. 99999	CURRENT NO. ENTITY NO. 99999 / 6843 CURRENT NO. ENTITY NO. 99999 / 6843 CURRENT NO. ENTITY NO. 99999 / 6844 CURRENT NO. ENTITY NO. 99999 / 6844 CURRENT NO. ENTITY NO. 99999 / 6845 CURRENT NEW ENTITY NO. 99999 / 6845 MENTEY NO. ENTITY NO. 99999 / 6845 MENTEY NO. ENTITY NO. 99999 / 6845 MENTEY NO. ENTITY NO. 99999 / 6846 CURRENT NEW ENTITY NO. 99999 / 6846 S (See instanciators on back of form) antity for new user (claughs well only) to actal ling entity for a new entity artity for new user (claughs well only) to excluding entity for a new entity scapular in commands section)	PATITY NO. PITTY NO. 99999 16842 4304736244 CARRENT NEW APINAMBER ENTITY NO. ENTITY NO. ENTITY NO. ENTITY NO. APINAMBER ENTITY NO. ENTITY NO. APINAMBER	BYTTY NO. BYTTY	SCHITTYRO SHITTYRO ATTRAMER WELL NAME DO SHITTYRO SENTY NO. EMPTY	PRITTY NO. BETTTY NO.	Section Sect	STOPPING	Section Sect	99999

FORM 3160-5 (September 2001)

TOP TOP

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

1976年2015年1月1日中央海岸市村联系 - 中国教育特别。

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

"您的情况"

从上的特色是由人工与《后的

5. Lease Serial No.

UTU-77369

27、有种特别多为19分别,为整个特别特别

form for proposals to drill or to re-enter an
Use Form 3160-3 (APD) for such proposals.

	this form for proposals to d vell. Use Form 3160-3 (APD		6. If Indian, Allottee or Tribe Name.			
SUBMIT IN T	RIPLICATE - Other Instru	uctions on reverse s	ide :	7. If Unit or CA	/Agreement, Name and/or	
1. Type of Well			3-1-20 2 7 32 0 3 4 5 5			
	Other			8. Well Name ar		
2. Name of Operator NEWFIELD PRODUCTION C	OMPANY			FEDERAL 14- 9. API Well No.		
3a. Address Route 3 Box 3630		Bb. Phone (include ar	e code)	4301333233		
Myton, UT 84052		435,646.3721		10. Field and Po	ol, or Exploratory Area	
4. Location of Well (Footage, 420 FSL 2044 FWL	Sec., T., R., M., or Survey Description	on)		MONUMENT 11. County or Pa		
SESW Section 20 T9S R17E				DUCHESNE,	UT	
12. CHEC	K APPROPRIATE BOX(ES)	TO INIDICATE NA	ATURE OF NO	OTICE, OR O	THER DATA	
TYPE OF SUBMISSION			E OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclamati		■ Water Shut-Off■ Well Integrity	
∑ Subsequent Report	Casing Repair	New Construction	Recomple		Other	
Final Abandonment	Change Plans Convert to	Plug & Abandon Plug Back	☐ Water Dis	ily Abandon posal	Spud Notice	
	24. Spud well @ 1:00 PM. Dr cement with 160 sks of class ement to pit. WOC.					
I hereby certify that the foregoing i correct (Printed/ Typed)	s true and	Title				
Justin Crum		Drilling Forem	an			
Signature		Date 05/09/2008				
- Justin	THIS SPACE FOR		ATE OFFICI	EUSE *		
Approved by	en a mentre de la m	Title	And Service Control of the Control o	Da	ate	
Conditions of approval, if any, are attach	ned. Approval of this notice does not war quitable title to those rights in the subject duct operations thereon	rant or				
Title 18 U.S.C. Section 1001 and Title 4	3 U.S.C. Section 1212, make it a crime for statements or representations as to any n		willfully to make to a	my department or a	gency of the United	

(Instructions on reverse)

TRACE!

			8 5/8	CASING SET	AT	314.78			
LAST CASI	NG <u>8 5/8"</u>	set @	314.78	.	OPERATOR	₹	Newfield I	Production C	ompany
DATUM				*···			·····		
	CUT OFF C	ASING	•			SPECT			
DATUM TO	BRADENHE	 AD FLANGE				TOR & RIG#			
TD DRILLER	₹ 308	LOGG	 ER	 -					
	12 1/4								

LOG OF CA	SING STRIN	IG:							
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe	Joint 39.08'						
		WHI - 92 cs	g head				8rd	Α	0.9
7	8 5/8"	Maverick S1	「&C csg		24#	J-55	8rd	Α	303.8
			GUIDE	shoe			8rd	A	0.
CASING IN	/ENTORY B	AL.	FEET	JTS	TOTAL LEN	GTH OF STE	RING		304.7
FOTAL LENGTH OF STRING				7	LESS CUT	OFF PIECE			
LESS NON CSG. ITEMS			1.85		PLUS DATU	JM TO T/CUT	OFF CSG		1:
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				314.78	
	TOTAL		302.93	7					
TOTAL CSG	. DEL. (W/O	THRDS)	302.93	7	COMPARE				
riming			1ST STAGE						
BEGIN RUN	CSG.	Spud	5/5/2008	1:00 PM	GOOD CIRC	THRU JOB		Yes	
CSG. IN HO	LE		5/6/2008		Bbls CMT CI	IRC TO SUR	FACE		
BEGIN CIRC)		5/7/2008		RECIPROCA	ATED PIPE F	OR	<u>N</u> /A	
BEGIN PUM	P CMT		5/7/2008				_		
EGIN DSPI	L. CMT		5/7/2008		BUMPED PL	.UG TO	630		PSI
LUG DOW	N		5/7/2008						
EMENT US	SED			CEMENT CON	/IPANY-	B. J.			
TAGE	# SX			CEMENT TYP	E & ADDITIV	ES			
1	160	Class "G" w/	2% CaCL2 + 1	/4#/sk Cello-F	lake mixed @) 15.8 ppg 1.	17 cf/sk yield		
ENTRALIZ	ER & SCRAT	TCHER PLAC	EMENT			SHOW MAK	E & SPACIN	G	
Centralizers	- Middle fir	st, top seco	nd & third for	3					

COMPANY REPRESENTATIVE	Justin Crum	DATE	5/8/2008

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

SUNDRY NOTICES AND REPORTS ON WELLS

UTU-77369

Lease Serial No.

Do not use t	this form for proposals	to drill or to re	-enter an		C TOT 1: 111		
abandoned w	/ell. Use Form 3160-3 (/	APD) for such	proposals.		6. If Indian, Alic	ottee or Tribe Name.	
SUBMIT IN T 1. Type of Well	RIPLICATE - Other Is	structions on	reverse side		7. If Unit or CA	Agreement, Name and	/or
Oil Well Gas Well	Other				8. Well Name ar	ad No	
2. Name of Operator					FEDERAL 14-		
NEWFIELD PRODUCTION CO	OMPANY				9. API Well No.		
3a. Address Route 3 Box 3630		3b. Phone	(include are cod	e)	4301333233		
Myton, UT 84052		435.646.37	21		10. Field and Po	ol, or Exploratory Area	ì
4. Location of Well (Footage, 420 FSL 2044 FWL	Sec., T., R., M., or Survey Desc	cription)			MONUMENT 11. County or Pa		
SESW Section 20 T9S R17E					DUCHESNE,	UT	
12. CHECK	K APPROPRIATE BOX	(ES) TO INIDI	CATE NATU	RE OF NO	OTICE, OR O	THER DATA	
TYPE OF SUBMISSION			TYPE OI	ACTION			
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture 7 New Con	struction	Reclamati Recomple	te	Water Shut-Off ☐ Well Integrity ☐ Other	
Final Abandonment	Change Plans Convert to	☐ Plug & A ☐ Plug Back		Temporari Water Dis	ly Abandon	Weekly Status	Report
cement & shoe. Drill a 7.4 log's TD to surface. PU & with 300 sks cement mixe cement to reserve pit. Nig.	TIH with Guide shoe, shed @ 11.0 ppg & 3.43 yld	ioe jt, float colla I. Then 400 sks	r, 130 jt's of 5 cement mixe	.5 J-55, 15 d @ 14.4 p	.5# csgn. Set pg & 1.24 yld	@ 5588' / KB. Cer . Returned 33 bbls	nent
					, ; t	RECEIV	
						DIV. OF OIL, GAS	Of Milian
I hereby certify that the foregoing is	true and	Title					
correct (Printed/ Typed)	1		Illing Foreman				
Justin Crum Signature	//	Date	maig Portinan		·		 -
Gustin (KUM)		15/2008	on Maw (1945		ng gang pagang ang bandan ang pagang ban	
	THIS SPACE F	OR FEDERA	L OR STATI	e offici	USE		
A marrowed by			Tid-		, n	sto.	
Approved by Conditions of approval, if any, are attach	ed Annroval of this notice does -	nt warrant or	Title		IDa	nc .	
certify that the applicant holds legal or eq			Office				
which would entitle the applicant to cond	luct operations thereon.						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

			<u>5 1/2"</u>	CASING	SET AT	5588.94	_			
					Fit clir @	5532.27'	_			
LAST CASIN	NG <u>8 5/8"</u>	_ Set @	314.78'		OPERATOR	₹	Newfield	Production	Company	
DATUM	12	2			WELL		Feder	al 14-20-9-1	7	
DATUM TO	CUT OFF C	ASING _	12	<u> </u>	FIELD/PRO	SPECT	Monum	ent Butte		
DATUM TO	BRADENHE	AD FLANGE			CONTRACT	 # OR & RIG		ND:	SI Rig # 1	
TD DRILLER		LOGGER								
HOLE SIZE	7 7/8"		_							
LOG OF CA	SING STRIN	IG:								
PIECES	OD	ITEM -	MAKE - DESC	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt	nding Jt						14	
		Short jt @								
131	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	Α	5532.27	
		Float collar							0.6	
1	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	A	43.42	
		GUIDE shoe	<u> </u>				8rd	Α	0.65	
CASING INV	CASING INVENTORY BAL. FEET JTS TOTAL				TOTAL LEN	GTH OF STI	RING		5590.94	
TOTAL LENGTH OF STRING 5568.74 13			132	LESS CUT	OFF PIECE			14		
LESS NON CSG. ITEMS			15.25		PLUS DATU	IM TO T/CUT	OFF CSG		12	
PLUS FULL	JTS. LEFT (DUT	169.72	4	CASING SE	T DEPTH			5588.94	
	TOTAL		5745.41	136	۱					
TOTAL CSG	. DEL. (W/O	THRDS)	5745.41	136	COMPARE					
TIMING			1ST STAGE	2nd STAGE						
BEGIN RUN	CSG.		5/13/2008	11:00 PM	GOOD CIRC	THRU JOB		Yes		
CSG. IN HOI	.E		5/14/2008	2:00 AM	Bbls CMT CI	RC TO SUR	FACE	33		
BEGIN CIRC			5/14/2008	2:00 AM	RECIPROCA	ATED PIPE F	OR	_THRU	FT STROKE	
BEGIN PUM	P CMT		5/14/2008	3:24 AM	DID BACK P	RES. VALVI	E HOLD?	Yes		
BEGIN DSPL	CMT		5/14/2008	4:15 AM	BUMPED PL	UG TO	1450		PSI	
PLUG DOW	٧		5/14/2008	4:35 AM						
CEMENT US	ED			CEMENT CO	MPANY-	B. J.				
STAGE	# SX			CEMENT TYP	E & ADDITIV	ES				
1	300	Premlite II w	/ 10% gel + 3 °	% KCL, 3#'s /sl	k CSE + 2# sl	k/kolseal + 1	2#s/sk Cell	Flake		
		mixed @ 11	.0 ppg W / 3.43	cf/sk yield		 ,	· · · · · · · · · · · · · · · · · · ·			
2	425	50/50 poz W	// 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F.	2% gel. 3%	SM mixed @	14.4 ppg W/	1.24 YLD	
CENTRALIZ	ER & SCRA	TCHER PLAC	CEMENT			SHOW MAK	E & SPACIN	IG		
Centralizers	- Middle fi	rst, top seco	ond & third. Th	nen every thir	d collar for a	total of 20.				
										

COMPANY REPRESENTATIVE Jim Smith DATE 5/14/2008	COMPANY REPRESENTATIVE	Jim Smith	DATE _	5/14/2008
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STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU-77369 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL: 8. WELL NAME and NUMBER: OIL WELL GAS WELL OTHER FEDERAL 14-20-9-17 2. NAME OF OPERATOR: 9. API NUMBER: NEWFIELD PRODUCTION COMPANY 4301333233 3. ADDRESS OF OPERATOR: 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER Route 3 Box 3630 STATE UT ZIP 84052 CITY Myton 435.646.3721 MONUMENT BUTTE 4. LOCATION OF WELL: FOOTAGES AT SURFACE: 420 FSL 2044 FWL COUNTY: DUCHESNE OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 20, T9S, R17E STATE: UT CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION ■ NOTICE OF INTENT ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL (Submit in Duplicate) CASING REPAIR NEW CONSTRUCTION TEMPORARITLY ABANDON Approximate date work will CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLAIR SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/STOP) WATER SHUT-OFF Date of Work Completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: - Weekly Status Report 07/08/2008 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well was completed on 06-10-08, attached is a daily completion status report.

Table Dela	Production Chall
NAME (PLEASE PRINT) Jentri Park	TITLE Production Clerk
SIGNATURE	DATE07/08/2008

(This space for State use only)

RECEIVED

JUL 1 4 2008

Daily Activity Report

Format For Sundry FEDERAL 14-20-9-17 4/1/2008 To 8/30/2008

5/30/2008 Day: 1

Completion

Rigless on 5/29/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5485' & cement top @ 40'. Perforate stage #1, CP1 sds @ 51-2-08' & CP.5 sds @ 5059-65' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 48 shots. 132 BWTR. SWIFN.

6/5/2008 Day: 2

Completion

Rigless on 6/4/2008 - Stage #1 CP.5 & CP1sds. RU BJ Services. 120 psi on well. Frac CP.5 & CP1 sds w/ 70,143#'s of 20/40 sand in 585 bbls of Lightning 17 fluid. Broke @ 3291 psi. Treated w/ ave pressure of 1931 psi w/ ave rate of 23.5 BPM. ISIP 1983 psi. Leave pressure on well. 717 BWTR. Stage #2 A3 & LODC sds. RU The Perforators, Ilc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' & 11' perf guns. Set plug @ 4844'. Perforate LODC sds @ 4765-77' & A3 sds @ 4736-47' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 92 shots. RU BJ Services. 1705 psi on well. Frac A3 & LODC sds w/ 119,773#'s of 20/40 sand in 872 bbls of Lightning 17 fluid. Broke @ 3440 psi. Treated w/ ave pressure of 1809 psi w/ ave rate of 24.8 BPM. ISIP 1962 psi. Leave pressure on well. 1589 BWTR. Stage #3 A1 sds. RU The Perforators, Ilc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4674'. Perforate A1 sds @ 4652-58' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 24 shots. RU BJ Services. 1870 psi on well. Frac A1 sds w/ 24,815#'s of 20/40 sand in 352 bbls of Lightning 17 fluid. Broke @ 3552 psi. Treated w/ ave pressure of 1998 psi w/ ave rate of 23.6 BPM. ISIP 1865 psi. Leave pressure on well. 1941 BWTR. Stage #4 A.5 sds. RU The Perforators, Ilc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4590'. Perforate A.5 sds @ 4572-84' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 1654 psi on well. Frac A.5 sds w/ 45,032#'s of 20/40 sand in 446 bbls of Lightning 17 fluid. Broke @ 1975 psi. Treated w/ ave pressure of 1882 psi w/ ave rate of 23.3 BPM. ISIP 1984 psi. Leave pressure on well. 2387 BWTR. Stage #5 D2 sds. RU The Perforators, IIc WLT, crane & Lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 4378'. Perforate D2 sds @ 4289-95' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 24 shots. RU BJ Services. 1660 psi on well. Frac D2 sds w/ 16,546#'s of 20/40 sand in 272 bbls of Lightning 17 fluid. Broke @ 3500 psi. Treated w/ ave pressure of 1916 psi w/ ave rate of 23.8 BPM. ISIP 1722 psi. Open well to pit for immediate flowback @ approx. 1 bpm. Well flowed for 8 hrs. & died. Recovered 450 bbls water. SWIFN.

6/6/2008 Day: 3

Completion

NC #1 on 6/5/2008 - 2:30PM MIRU NC#1, OWU Flowed 52 Bbls Wtr, N/D 10,000 BOP & Frac Flnge, N/U 3,000 Flnge & 5,000 BOP, SWI, 7:00PM C/SDFN.

6/7/2008 Day: 4

Completion

NC #1 on 6/6/2008 - 6:30AM OWU, Flowed 40 Bbls Wtr, P/U & RIH W/-4 3/4" Bit,

Bit Sub, 143 Jts Tbg To Plg @ 4378', R/U R/pmp & 4 Star Pwr Swvl, Drill Up Plg, Swvl I/Hle To Plg @ 4590', Drill Up Plg, Swvl I/Hle To Plg @ 4674', Drill Up Plg, Swvl I/Hle To Plg @ 4844', Drill Up Plg, Swvl I/Hle To Fill @ 5382', C/Out To 5416', Curc Well Clean 30 Min, POOH W/-4 Jts Tbg, EOB @ 5292', SWI, 6:30PM C/SDFN.

6/10/2008 Day: 5

Completion

NC #1 on 6/9/2008 - 6:30AM OWU, R/U Pwr Swvl, RIH To Fill @ 5416', Drill & C/Out To PBTD @ 5536', Curc Well Clean, R/D Swvl, POOH W/-4 Jts Tbg, EOB @ 5414', R/U Swab, RIH IFL @ Surf, Made 13 Swab Runs, Recvred 151 Bbls Wtr, Lite Trce Sand, Lite Trce Oil, FFL @ 1600'. RIH W/-Tbg To PBTD @ 5536', Curc Well Clean. POOH W/-180 Jts Tbg, Bit Sub & Bit, P/U & RIH W/-NC,2 Jts Tbg, S/N, 2 Jts Tbg, T/A, 164 Jts Tbg, SWI, 7:00PM C/SDFN.

6/11/2008 Day: 6

Completion

NC #1 on 6/10/2008 - 6:30AM OWU, N/D BOP, Set $5\ 1/2\ T/A$ In 15,000 Tension, N/U W/-HD. R/U R/pmp, Flush Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/-CDI- $2\ 1/2x1\ 1/2x14x18'$ RHAC, $6-1\ 1/2$ Wt Bars, 20-3/4 Guided Rods, 78-3/4 Slick Rods, 99-3/4 Guided Rods, 3/4x8'-6'-4'-2' Pony Rods, $1\ 1/2x26'$ Polish Rod, Seat pmp, R/U Unit, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP @ 6:00PM, 100'' SL, 5 SPM, (Final Report).

Pertinent Files: Go to File List



UNITED STATES DEPARTMENT OF THE INTERIOR

(See other instructions ons reverse side)

SUBMIT IN DUPLICATE* FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO. UTU-77369

BUREAU OF LAND MANAGEMENT										UTU-	-77369	
WELL	COMP	ETION	OR R	ECOM	IPLETION	REPORT A	AND LOG	ŧ	6. IF INDIAN,		or tribe name VA	
1a. TYPE OF WORK									7. UNIT AGRI			
		OIL WELL	X	GAS WELL	DRY	Other	r			Fee	deral	
1b. TYPE OF WELL												
NEW 🗸	work	7		PLUG	DIFF				8. FARM OR I	LEASE NAM	IE, WELL NO.	
WELL X	OVER	DEEPEN		BACK	RESVR.	Other	ŗ	.:		ederal [•]	14-20-9-17	
2. NAME OF OPERATOR		Ne	wfield l	Explorat	tion Compan	V			9. WELL NO.	43-01:	3-33233	
3. ADDRESS AND TELEP									10. FIELD ANI	O POOL OR	WILDCAT	
4. LOCATION OF WEI					Denver, Co				11 CEC T B		OCK AND SURVEY	
At Surface	or (report to					20, T9S, R17E			OR AREA	., M., OK BL	OCK AND SURVEY	
At top prod. Interval rep	oorted below								s	ec. 20,	T9S, R17E	
				r: :::::::::::::::::::::::::::::::::::								
At total depth				14. API NO. 43	-013-33233	DATE ISSUE	D 06/29/07		12. COUNTY O	R PARISH Nesne	13. STATE UT	
15. DATE SPUDDED 16. DATE T.D. REACHED 05/05/08 05/13/08 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5459' GL					TC.)*	5471' KE		19. ELEV. CASINGHE	AD			
20. TOTAL DEPTH, MD &							ROT	ARY TOOLS	,	CABLE TOOLS		
	HOW MANY* DRILLED BY				1							
5590' 5536'> PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						X						
24. PRODUCING INTERV	AL(S), OF THIS	COMPLETION-	-TOP, BOT1		•	N 5400!					25. WAS DIRECTIONA SURVEY MADE	ıL.
				Green	River 4289	7-5108					No	
26. TYPE ELECTRIC AND								_			27. WAS WELL CORE	D
Dual Induction	Guard, S	P, Compe	ensated					, Cem	ent Bond	Log	No	
23. CASING SIZE/G	RADE	WEIGHT	, LB./FT.		TH SET (MD)	port all strings set in HOLE SIZE		MENT, CE	MENTING REC	ORD	AMOUNT PULLE	D
8-5/8" - J	-55	24	#		315'	12-1/4"	To surface	with 160) sx Class "	G" cmt		
5-1/2" - J	J-55	15.	5#		5589'	7-7/8"	300 sx Prem	lite II an	and 425 sx 50/50 Poz			
29.		LIN	ER RECO	RD.			30.		TUBING RE	CORD		
SIZE	TOI	(MD)		OM (MD)	SACKS CEMENT	* SCREEN (MD)	SIZE		DEPTH SET (M)		PACKER SET (M)	D)
			<u> </u>				2-7/8"		EOT @ 5178'	· ·	TA @ 5051'	
31. PERFORATION REC	OPD (Interval	size and number				32.	ACID, SHOT	EDACT		AT SOUTE		
	ERVAL	size and number		<u>ZE</u>	SPF/NUMBE		TERVAL (MD)	FRACI			MATERIAL USED	
		8', 5059'-65'		19"	4/48		'-5108'				ınd in 585 bbls flu	
(LODC &A3)				19"	4/92		'-4777'				and in 872 bbls fl	
		1) 4652'-58'		19"	4/24		'-4658'	L			and in 352 bbls flu	
		4572'-4584' 4289'-4295'		19" 19"	4/48 4/24		'-4584' '-4295'				and in 446 bbls flu and in 272 bbls flu	
	(D2)	4209-4295	,-	19	4/24	4209	-4293	FIAC	W/ 10,540#	20/40 58	ind in 272 pbis iid	iiu
·		1										
:		•		<u> </u>			· · · · · · · · · · · · · · · · · · ·					
33.*		Lancavama		- CTI :		UCTION				****** * ***	LOWE OF THE PROPERTY OF THE PR	
DATE FIRST PRODUCTIO 06-15- 0		PRODUCTIC			s lift, pumpingsize an 1/2" x 14' x1	8' RHAC SM	Plunger Pur	np			ATUS (Producing or shu RODUCING	t-in)
DATE OF TEST	HC	URS TESTED	СНОК	E SIZE	PROD'N. FOR TEST PERIOD	OILBBLS.	GASMCF.	WATE	RBBL.		GAS-OIL RATIO	
06-20-08					>	68	15		67		221	
FLOW. TUBING PRESS.	CA	SING PRESSUR		JLATED UR RATE	OIL-BBL.	GASMCF	•	WATER	BBL.	OIL GRAVIT	Y-API (CORR.)	
	•		24-110	>		I	364.	I.				
34. DISPOSITION OF GAS	(Sold, used for	fuel, vented, etc.)					RI	ECE	W W Ns	SED BY	eng eganiyayın e tir e anime o aya aya ayan ay	
A CYON ON THE STATE OF THE STAT	1		<u> </u>	Jsed for	· Fuel			111 ^	0.0000			<u> </u>
35. LIST OF ATTACHMEN	// .						J		8 2008			
36. I hereby certify that SIGNED	the Portedino	and attached in	formation	is complete	and correct as deter	mined from all availa	ible records	O! 0	AO O BEILUA	10		
SIGNED		1//			TITLE	Р	roduction 4	ert, di	aiviim d ch	DATE	7/18/2008	}
Jentri P	1/	IV .					<u> </u>					JP

VERT. DEPTH TRUE TOP MEAS. DEPTH 3253° 3451° 4064' 4097' 4219' 4444' 4538' 5022' 5484' 5605' 3562° 3807' GEOLOGIC MARKERS Basal Carbonate Total Depth (LOGGERS Douglas Creek Mkr BiCarbonate Mkr Garden Gulch Mkr B Limestone Mkr Garden Gulch 2 Garden Gulch 1 NAME Point 3 Mkr Castle Peak X Mkr Y-Mkr 38. DESCRIPTION, CONTENTS, ETC. Federal 14-20-9-17 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and Well Name BOTTOM TOP FORMATION recoveries);



Well Name: Federal 14-20-9-17 LOCATION: S20, T9S, R17E COUNTY/STATE: Duchesne

API: 43-013-33233

Spud Date: 5-5-08

TD: 5590' CSG: 5-14-08 POP: 6-12-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
6/10/2008				2158				POP @ 6:00 P.M. w/ 100 SL @ 5 SPM. 2158 Total water to recover.
6/11/2008	['		<u> </u>	2158	ſ <u></u>		1	
6/12/2008	· '		ſ	2158	ſ <u>.</u>		1	
6/13/2008	24	0	120	2038	24	60	5	
6/14/2008	24	0	111	1927	24	70	5	
6/15/2008	24	10	132	1795	24	65	5	
6/16/2008	24	52	87	1708	18	60	5	
6/17/2008	24	47	68	1640	5	60	5	
6/18/2008	24	97	87	1553	15	60	5	
6/19/2008	24	30	65	1488	15	60	5	
6/20/2008	24	68	67	1421	15	60	5	
6/21/2008	24	40	58	1363	16	60	5	
6/22/2008	24	63	50	1313	15	50	5	
6/23/2008	24	65	60	1253	15	50	4 1/2	
6/24/2008	24	50	50	1203	15	50	4 1/2	
6/25/2008	24	57	57	1146	19	60	5	
6/26/2008	24	62	45	1101	25	60	5	
6/27/2008	24	52	53	1048	25	50	5	
6/28/2008	24	52	62	986	29		5	
6/29/2008	24	55	55	931	32	60	5	
6/30/2008	24	56	57	874	34		5	
7/1/2008	24	55	52	822	38	60	5	
7/2/2008				822				
7/3/2008				822		ſ′		
7/4/2008			,	822		I		
7/5/2008				822		<u> </u>		
7/6/2008				822		[
7/7/2008				822		1		
7/8/2008				822		1		
7/9/2008				822		1		
7/10/2008				822		1		
7/11/2008				822		1		
		911	1336	F	403	1		

40304

Schematic

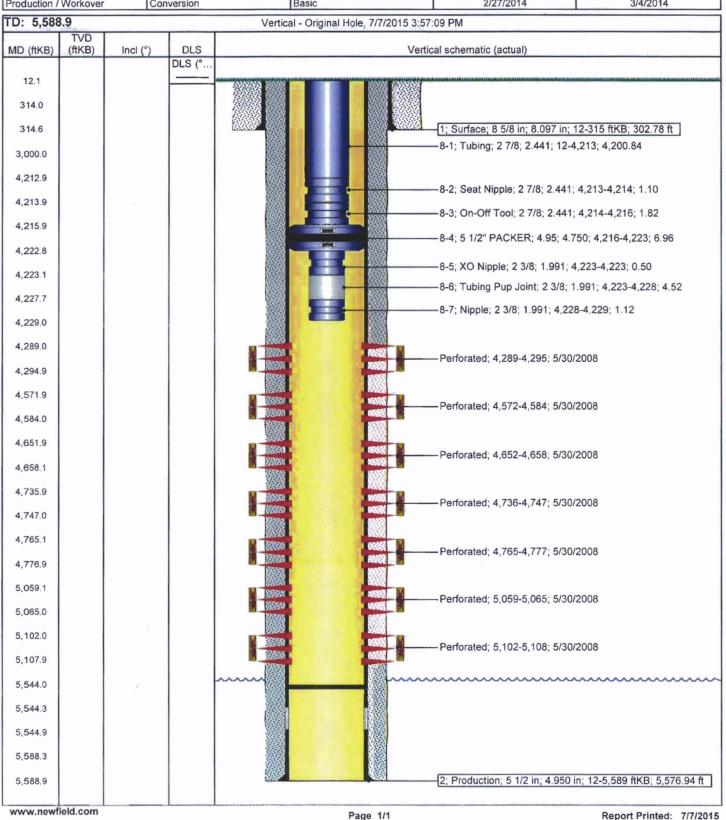
Well Name: Federal 14-20-9-17

Surface Legal Location	on			API/UWI		Well RC	Lease	State/Province	Field Name	County
420' FSL & 204	4' FWL (SE/SW)	SECTION 20-T	9S-R17E	4301333	2330000	500159358		Utah	GMBU CTB6	DUCHESNE
Spud Date	Rig Release Date	On Production Date	Original KB Elevation	(ft)	Ground El	levation (ft)	Total Depth All (TVD)	(ftKB)	PBTD (All) (ftKB)	
5/5/2008	5/14/2008	6/10/2008	5,471		5,459				Original Hole - 5	5,544.0

 Most Recent Job

 Job Category
 Primary Job Type
 Secondary Job Type
 Job Start Date
 Job End Date

 Production / Workover
 Conversion
 Basic
 2/27/2014
 3/4/2014





Newfield Wellbore Diagram Data Federal 14-20-9-17

Surface Legal Location					API/UWI Lease				
420' FSL & 2044' FV County	VL (SE/SW) SEC	State/Province			43013332330000 Basin		Field Name		
DUCHESNE Well Start Date		Utah Spud Date			Uintah Basin Final Rig Release Date		GMBU CTB6 On Production Date		
5/5/2			5/5/2	2008	5/14/		6/10	/2008	
Original KB Elevation (ft) 5,471	Ground Elevation (ft) 5,45	Total Depth (f	tKB)	5,588.9	Total Depth All (TVD) (ftKB))	PBTD (All) (RKB) Original Hole - 5,544	1.0	
Casing Strings						-			
Csg	Des	Run	Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Gr a de	Set Depth (ftKB)	
Surface Production		5/6/2008		8 5/8 5 1/2	8.097 4.950	24.00 15.50		31: 5,58!	
		3/13/2000		3 1/2	4.930	15.50	J-55	5,368	
Cement	56VD 517/2000								
String: Surface, 315 Cementing Company	511KB 5///2008	·····			Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)	
Fluid Description			·····		12.0 Fluid Type	314.8 Amount (sacks)	Class	Estimated Top (ftKB)	
Class "G ["] w/ 2% Cat	CL2 + 1/4#/sk Cello	-Flake mixe	d @ 15.8	ppg 1.17 cf/sk	Lead	160		12.	
yield									
String: Production, Cementing Company	5,589ftKB 5/14/2	800			Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Voi Cement Ret (bbl)	
					12.0	3,000.0			
Fluid Description Premilite II w/ 10% ge	el + 3 % KCl 3#'s	/sk CSE + 2	# sk/kolse	eal + 1/2#'s/sk	Fluid Type Lead	Amount (sacks)	Class PLII	Estimated Top (ftKB) 12.	
Cello Flake			0				,,	12:	
mixed @ 11.0 ppg V					<u> </u>			<u> </u>	
String: Production, Cementing Company	5,589RKB 5/14/2	800			Top Depth (ftKB)	Bottom Depth (ftKB)	Full Return?	Vol Cement Ret (bbl)	
					3,000.0				
Fluid Description 50/50 poz W/ 2% Ge	el + 3% KCL, .5%E	C1,1/4# sk C	C.F. 2% ge	I. 3% SM mixed	Fluid Type Tail	Amount (sacks) 425	Class 50 50	Estimated Top (ftKB) 12.	
@ 14.4 ppg W/ 1.24	YLD								
Tubing Strings Tubing Description					Run Date		Set Depth (ftKB)		
Tubing						2014	Soc Sopar (inte)	4,228.9	
Item Des Tubing	Jts 139	OD (in) 2 7/8	1D (in) 2,441	VVt (Rb/ft) 6.50	Grade J-55	Len (ft) 4,200.84	Top (ftKB) 12.0	Blm (ftKB) 4,212.9	
Seat Nipple	100	2 7/8	2.441	0.00		1.10	4,212.9	4,214.0	
On-Off Tool		2 7/8	2.441			1.82	4,214.0	4,215.8	
5 1/2" PACKER	1	4.95	4.750			6.96	4,215.8	4,222.7	
XO Nipple		2 3/8	1.991			0.50	4,222.7	4,223.2	
Tubing Pup Joint		2 3/8	1.991			4.52	4,223.2	4,227.8	
Nipple		2 3/8	1.991			1.12	4,227.8	4,228.9	
Rod Strings Rod Description					Run Date		Set Depth (ftKB)		
Item Des	Jts	OD.	(in)	Wt (Ib/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)	
Perforation Interval	L ls	ــــــــــــــــــــــــــــــــــــــ	J				L		
	Zone	Top (f	ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasin g (°)	Nom Hole Dia (in)	Date	
Stage#	al Hole	1	4,289	4,295	4			5/30/2008	
Stage# 7 D2, Origin			4 5701		4 1			5/30/2008 5/30/2008	
Stage# 7 D2, Origin 6 A.5, Origin	nal Hole		4,572 4,652	4,584 4,658	4				
Stage# 7 D2, Origin	nal Hole al Hole		4,572 4,652 4,736	4,658	4 1 4 4 1				
7 D2, Origin 6 A.5, Origin 5 A1, Origin	nal Hole al Hole al Hole		4,652	1	4 4 4 4			5/30/2008 5/30/2008	
7 D2, Origin 6 A.5, Origin 5 A1, Origin 4 A3, Origin	nal Hole al Hole al Hole iginal Hole		4,652 4,736	4,658 4,747	4 4 4 4			5/30/2008	
7 D2, Origin 6 A.5, Origin 5 A1, Origin 4 A3, Origin 3 LODC, Ori 2 CP.5, Orig 1 CP1, Origin	nal Hole al Hole al Hole iginal Hole ginal Hole inal Hole		4,652 4,736 4,765	4,658 4,747 4,777	4 4 4 4 4			5/30/2008 5/30/2008	
Stage#	nal Hole al Hole al Hole iginal Hole ginal Hole inal Hole atments		4,652 4,736 4,765 5,059 5,102	4,658 4,747 4,777 5,065 5,108	4 4 4 4			5/30/2008 5/30/2008 5/30/2008 5/30/2008	
Stage#	nal Hole al Hole al Hole iginal Hole ginal Hole inal Hole inal Hole atments	Frac Gradi	4,652 4,736 4,765 5,059 5,102	4,658 4,747 4,777 5,065	Max PSI (psi) 2,330	Total Clean Vol (bbl)	Total Sturry Vol (bbl)	5/30/2008 5/30/2008 5/30/2008	
Stage#	nal Hole al Hole al Hole iginal Hole ginal Hole inal Hole atments	3	4,652 4,736 4,765 5,059 5,102	4,658 4,747 4,777 5,065 5,108 Max Rate (bbl/min)	4 4 4 4 4 Max PSI (psi)	Total Clean Vol (bbi)	Total Sturry Vol (bbl)	5/30/2008 5/30/2008 5/30/2008 5/30/2008	
Stage#	nal Hole al Hole al Hole iginal Hole iginal Hole inal Hole inal Hole atments ISIP (psi) 1,983	3	4,652 4,736 4,765 5,059 5,102 ent (psi/ft) 0.82	4,658 4,747 4,777 5,065 5,108 Max Rate (bbl/min) 23.9	4 4 4 4 4 Max PSI (psi) 2,330	Total Clean Vol (bbl)	Total Sturry Vol (bbl)	5/30/2008 5/30/2008 5/30/2008 5/30/2008	
Stage#	nal Hole al Hole al Hole iginal Hole iginal Hole inal Hole inal Hole atments ISIP (psi) 1,983	3	4,652 4,736 4,765 5,059 5,102 ent (psi/ft) 0.82 0.82	4,658 4,747 4,777 5,065 5,108 Max Rate (bbl/min) 23.9 23.9	Max PSi (psi) 2,330 2,330 2,080 2,080	Total Clean Vol (bbl)	Total Sturry Vol (bbl)	5/30/2008 5/30/2008 5/30/2008 5/30/2008	
Top	nal Hole al Hole al Hole al Hole iginal Hole iginal Hole inal Hole atments ISIP (psi) 1,983 1,963 1,963 1,863	3 2 2 5 5	4,652 4,736 4,765 5,059 5,102 ent (psi/ft) 0.82 0.82 0.85 0.85 0.83	4,658 4,747 4,777 5,065 5,108 Max Rate (bbl/min) 23.9 23.9 25.9 25.9 23.8	Max PSI (psi) 2,330 2,330 2,080 2,080 2,330	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	5/30/2008 5/30/2008 5/30/2008 5/30/2008	
Stage#	nal Hole al Hole al Hole al Hole iginal Hole iginal Hole inal Hole atments 1,983 1,983 1,962 1,962	5	4,652 4,736 4,765 5,059 5,102 ent (psi/ft) 0.82 0.82 0.85 0.85	4,658 4,747 4,777 5,065 5,108 Max Rate (bbl/min) 23.9 23.9 25.9 25.9	Max PSi (psi) 2,330 2,330 2,080 2,080	Total Clean Vol (bbl)	Total Sturry Vol (bbl)	5/30/2008 5/30/2008 5/30/2008 5/30/2008	

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Newfield Wellbore Diagram Data Federal 14-20-9-17

Total Prop Vol Pumped (lb)	Total Add Amount
	Total Prop Vol Pumped (lb)

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March 11, 2014

Mr. Jason Deardorff US EPA Region 8 8P-W- UIC 1595 Wynkoop Street Denver CO 80202

> RE: Injection Conversion Well: Federal 14-20-9-17 EPA #: UT22197-10270 API #: 43-013-33233

20 95 17E

Dear Mr. Deardorff:

The subject well was converted from a producing oil well to a water injection well. Attached are the EPA Form 7520-12, an updated wellbore diagram, MIT Pressure Test, a copy of the chart, and Daily Activity report.

The shallowest perforation for this well is 4289°. The Fracture Gradient for this well is 0.655. The MAIP for this well has been calculated to be 920 - MAIP = [FG - (0.433) (SG)] * Depth.

The GG2 @ (3561.12') in the 14-20-9-17 well has a calculated pore pressure of 1602.5 psia. This is calculated using a pore pressure gradient of 0.45 psi/ft. (0.45 psi/ft x 3561.12' = 1602.504 psi). Since the GG2 is a normally pressured, non-depleted zone, this is a valid estimate of pore pressure. RDT pressure data collected in Greater Monument Butte also supports this calculation.

You may contact me at 435-646-4874 or <u>lchavez-naupoto@newfield.com</u> if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Water Services Technician

	Form A	oproved, Ol														
			ί	JNITED :					ROTECTION	AGENCY						
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w	! ! !	- ! - !	- €		Brine Dispo	sal		ı		5589		X	Individual	1		
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	_				Hydrocarbo	n Storag	e			5589		Numl	ber of We	:lls		
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Casi			ement				tions (ft)						r Fracture			
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	DESCRIB	E REWORK OF	PERATIC	NS IN DE	N DETAIL WIRE LINE LOGS, LIST EACH TYPE											
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or obtaining the are significant p NAME A	penalties for so)	s	IGNATURE	05					TE SIGNE	
in this docume for obtaining the are significant p NAME A Lucy Chavez- Water Service	oenalties for so ND OFFICIAL III Naupoto	LE (Please type			<u></u>	 L)	s	IGNATURE	f _l S,	$\overline{}$				TE SIGNET	

Sundry Number: 48801 API Well Number: 43013332330000

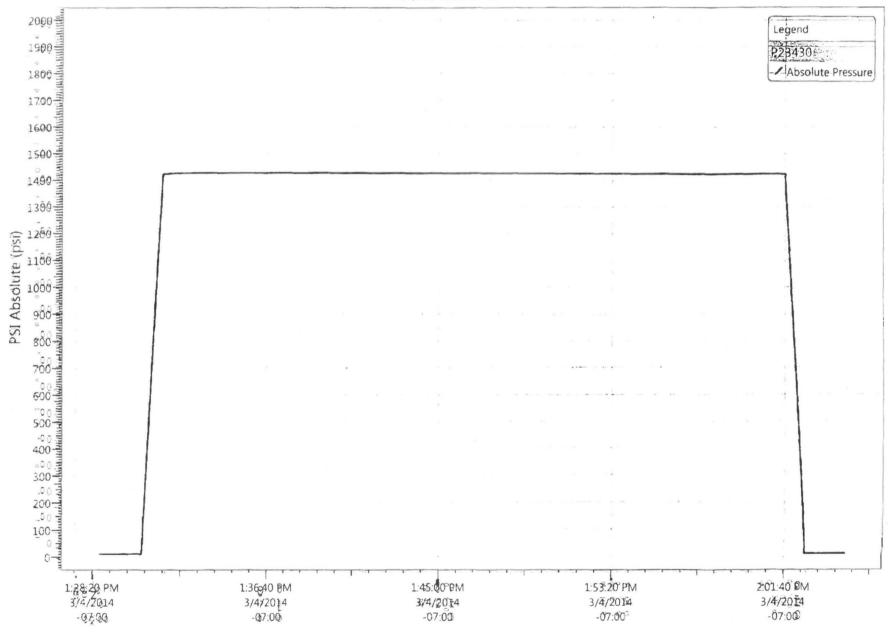
	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-77369						
SUNDR	Y NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
		ntly deepen existing wells below rizontal laterals. Use APPLICATION	7.UNIT OF CA AGREEMENT NAME: GMBU (GRRV)				
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 14-20-9-17				
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	MPANY		9. API NUMBER: 43013332330000				
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT,	84052 435 646-4	PHONE NUMBER: 1825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0420 FSL 2044 FWL		Markettinette val till till at de til sen sen til besom til til sen sen til sen sen til sen sen til sen sen ti	COUNTY: DUCHESNE				
QTR/QTR, SECTION, TOWNSH	<mark>IIP, RANGE, MERIDIAN:</mark> ¹⁰ Township: 09.0S Range: 17.0E M	leridian: S	STATE: UTAH				
11. CHECI	K APPROPRIATE BOXES TO INDI	CATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	New CONSTRUCTION				
3/4/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRICLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
Nopul Sale.	WILDGAT WELL DETERMINATION	OTHER					
			OTHER.				
12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 03/03/2014. Initial MIT on the above listed well. On 03/04/2014 the casing was pressured up to 1423 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10170							
NAME (PLEASE PRINT) Lucy Chavez-Naupoto 435 646-4874 SIGNATURE N/A DATE 3/13/2014							

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test U.S. Environmental Protection Agency Underground Injection Control Program 999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness:			Date: _	3/4	/ 14	
EPA Witness: Test conducted by:	Phillips					
Others present:						
*	المالية					-10170
Well Name: Federal			Type: ER SW	D Statu:	s: AC TA	UC
Field:		A	A	٥.	5	
Field:Sec	: 20 T Y	N/S/ R_17	(E) W County	:_ Duchesn	ZState:_	4
Uperator: A/LWFILIA						1
Last MIT: /	/ Max	amum Allowa	ble Pressure:		PS	ilG
Is this a regularly scheduled	itest? []	Yes [] No	•		
Initial test for permit?		-	•			
Test after well rework?	ii	Yes [1 No			
Well injecting during test?			No If Ye	s, rate:		_ bpd
			-			- •
Pre-test casing/tubing annulu	s pressure:	1423/	2	psig		
·			/			
MIT DATA TABLE	Test #1		Test #2		Test	#3
TUBING	PRESSURE				يبذاني بساد السنباسان	
Initial Pressure	0	psig		psig		psig
End of test pressure	0	psig		psig		psig
CASING / TUBING	ANNULUS		PRESSURE		<u> </u>	
0 minutes	1423	psig		psig		psig
5 minutes	1428	psig		psig		psig
10 minutes	1427	psig		psig		psig
15 minutes	1426	psig		psig		psig
20 minutes	1425	psig		psig		psig
25 minutes	1424	psig		psig		psig
30 minutes	1423	psig		psig		psig
minutes		psig		psig		psig
minutes		psig		psig		psig
RESULT	Pass	Fail	Pass	[]Fail	Pass	Fail
Does the annulus pressure bu MECH Additional comments for n and bled back at end of te	ANICAL	INTEG	RITY PR	as volume	of fluid adde	
Signature of Witness:					<u> </u>	

Federal 14-20-9-17 (Conversion) 8-4-14

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Summary Rig Activity

Well Name: Federal 14-20-9-17

Jobs		
Primary Job Type	Job Start Date	Job End Date
Conversion	2/27/2014	

Daily Operation	ns			
Report Start Date	Report End Date	24hr Activity Summary		
2/27/2014	2/27/2014	MIRU LD RODS		
Start Time	11:30	End Time	13:00	Comment MOVE ON, SPOT IN EQUIPMENT, LEVEL RIG, RIG UP, REMOVE HORSE HEAD, FISH CSG W/ 60 BBLS @ 250 DEGREES. LD POLISH ROD, BODY BREAK 1/2 WAY ON ROD #1 - 3/4* 4PER
stan Time	13:00	End Time	14:30	Comment HOOK UP FISH TOOL, RIH W/ 2 RDS OFF RIG. BEAT ON GUIDE TO MOVE IT DOWN. CATCH FISH. LD 2-3/4" 4PER ROD FOR RIG. LD FISH TOOL AND PARTED 3/4" 4PER ROD.
Start Time	14:30	End Time	15:00	Comment LD 1-3/4" 4PER ROD. FLUSH TBG W/ 30 BBLS @ 250 DEGREES
Start Time	15:00	End Time	15:30	Comment PU 3-3/4" 4PER RD SOFT SEAT, EMOVE B-1 ADAPTOR & FLOW TEE, FILL TBG W/ 2 BBLS AND PRESSURE TEST 2 7/8" TBG TO 3300 PSI, BLEW HOLE @ 3100 PSI, LD 3-3/4" 4PER F/RIG
Start Time	15:30	End Time	17:30	Comment LD 80 3/4" PER RODS ON TRAILER, FLUSH TBG W/ 20 BBLS @ 250 DEGREES
Start Time	. 17:30	End Time	18:30	Comment LD 3/4" RD ONTO TRAILER 19-3/4" 4PER, 15-3/4" SLICKS SIW SDFD
Start Time	18:30	End Time	19:30	Comment CREW TRAVEL HOME
Report Start Date 2/28/2014	2/28/2014	24hr Activity Summary FLUSH RODS, LD RODS, ND V	VH, UNSEAT ANCHO	
Start Time	06:00	End Time	07:00	Comment CREW TRAVEL TO LOCATION
Start Time	07:00	End Time	07:30	Comment SAFETY MEETING (LD RODS) WAIT ON HOT OILER TO LOAD AND PREHEAT
Start Time	07:30	End Time	09:30	Comment FLUSH RODS WITH 10 BBLS @ 250 DEGREES, LAY DOWN ON TRAILER 32 ~ %" SLICKS (47 TOTAL SLICKS), 11 %" 4 PER FLUSH WITH 10 BBLS @ 250 DEGREES, LAY DOWN ON TRAILER 40 %" 4 PER (5 TOTAL), 6 1 %" SINKER BAR, 1 1" STABILIZER, 1 2 %"X1 %"X16X20 CDI PUMP
Start Time	09:30	End Time	11:00	Comment CHANGE OVER BLOCKS, NIPPLE DOWN WELL HEAD, UNSET ANCHOR, NIPPLE UP BOP'S (FUNCTION TEST PIPE RAMS), RIG UP FLOOR & 2 SETS ON TONGS
tart Time	11:00	End Time	12:00	Comment RIG UP SAND LINE, RUN IN HOLE TAGGED AT 5536 NO FILL (RAN DEPTHOMETER), COME OUT LAY DOWN LUBICATOR AND RIG DOWN SANDLINE
tart Time	12:00	End Time	14:00	Comment TRIP OUT OF HOLE WITH 2 7/8" J-55 TUBING TO DERRICK, BREAK, DOPE, AND MAKE UP COLLARS (HOLE STICKY FROM 4876' - 4692' PULLED SLOW) 40 JOINTS OUT OF HOLE IN DERRICK. TALLEY (DEPTH 1230.23). FLUSH WITH- 10 BBLS @ 250 DEGREES
Start Time	14:00	End Time	16:00	Comment PULL OUT OF HOLE WITH 2 7/8" TUBING TO DERRICK, BREAK, DOPE, AND MAKE UP COLLARS 40 JOINTS OUT (80 TOTAL) TALLEY DEPTH 2461.47 OUT FLUSH W/ 15 BBLS @ 250 DEGREES
tart Time	16:00	End Time	18:00	CONTUINE PULLING OUT OF HOLE WITH 2 7/8" TUBING TALLEY (TOTAL 132 JTS)(DEPTH 4,182.06)
eport Stan Date 3/3/2014	Report End Date 3/3/2014	24hr Activity Summary LD TBG, MAKE UP TBG STRIN	G	
tart Time		I End Time		Comment

Summary Rig Activity

Well Name: Federal 14-20-9-17

art Time	07:00	End Time 08:00	Comment HELD SAFETY MEETING (WATCH 3 PARTY LINES WITH HIGH PRESSURE), SICP - 50 PSI, SITP- 50 PSI BLEED OFF 2 7/8" TUBING AND CASING, FLUSH WITH 25 BBLS@ 250 DEGREES, OPEN PIPE RAMS, LAY DOWN 32 JOINTS OF 2 7/8" TUBING ONTO TRAILER. FOUND HOLE IN JOINT 164
n Time	08:00	End Time 09:00	Comment MAKE UP 2 7/8" SEAT NIPPLE, ON/OFF TOOL, 5 ½" X 2 7/8" PACKER, 2 7/8" X 2 3/8" XO, 2 3/8" PUP SUB, 3 3/8" XN NIPPLE, PICK UP 1 2 7/8" JOINT, RUN 2 7/8" TBG FROM DERRICK 56 JOINTS. DROP STANDING VALVE & FILL TUBING WITH 10 BBLS & PRESSURE TBG TO 3500 PSI GOOD
rt Time	09:00	End Time 09:30	Comment RUN IN FROM DERRICK 40 JOINTS OF 2 7/8" TUBING, FILL W/ 7 BBLS PRESSURE TEST TO 3300 PSI GOOD TEST
rt Time	09:30	End Time 10:00	Comment RUN IN 20 JOINTS FROM DERRICK
ri Time	10:00	End Time 11:00	Comment NOTICED SPRING ON ELAVATORS WAS BROKEN, WENT TO TOWN AND GOT NEW SET AND CAME BACK
nt Time	11:00	End Time 11:30	Comment RUN IN FROM DERRICK 20 JOINTS OF 2 7/8" TUBING. ADDED 6' PUP SUB.
art Time	11:30	End Time 14:30	Comment FILL TUBING WITH 7 BBLS AND PRESSURE TEST TO 3000 PSI. BLEED OFF 100 PSI IN 10 MINUTES 5 TIMES, BUMPED BACK UP TO 3000 PSI. RIGGED UP LUBICATOR & HIT STAND VALVE WITH WEIGHT BARS, RIG DOWN LUBICATOR. FILL W/ 1 BBL PRESSURE UP TO 3000 PSI. BLEED DOWN & BUMPED UF 6 TIMES, 60 PSI EVER 10 MINUTES.
ut Time	14:30	End Time 15:00	Comment FISH STAND VALVE AND DROP ANOTHER STAND VALVE
art Time	15:00	End Time 16:30	FILL TUBING W 5 BBLS, PRESSURED UP TO 3000 PSI. TUBING BLEED OFF 50 PSI EVER 10 MINUTES, E TIMES. RIG UP LUB AND HIT STAND VALVE, RIG DOWN LUBICATOR. FILL W/ 2 BBLS AND PRESSURE OF TO 3000 PSI. BLEED DOWN (25 PSI EVER 15 MIN), AND BUMPED UP 4 TIMES TO 3000 PSI. HELD FOR 30 MINUTES. GOOD TEST
art Time	16:30	End Time 17:00	Comment RIG UP LUBICATOR AND FISH STANDING VALVE @ 4213.94. FLUSH CASING WITH 20 BBLS TO GET FISH TOOL DOWN. RIG DOWN LUBICATOR. SIW SDFD
art Time	17:00	End Time 18:00	Comment CREW TRAVEL HOME
3/4/2014		vity Summary 1 CSG, RD FLOOR ND BOP SET PKR	
t Time	. 06:00	End Time 07:00	CREW TRAVEL TO LOCATION
irt Time	07·00	End Time 07:30	Comment HELD SAFETY MEETING (NIPPLING DOWN BOP'S PINCH AND SMASH HAZARDS) BLEED DOWN CASIN & 2 7/8" TUBING. 20 PSI ON CASING AND TUBING. FLUSH CASING WITH 25 BBLS @ 250 DEGREES. SPRAY OFF FLOOR AND SLIPS
rt Time	07:30	End Time 09:00	Comment RIG DOWN FLOOR, NIPPLE DOWN BOP'S, SET PACKER W 1700# TENSION, NIPPLE UP WELL HEAD, REMOVE 2ND CASING VALVES.
ut Time	09:00	End Time 10:00	Comment FILL CASING WITH 20 BBLS AND PRESSURE UP TO 1500 PSI, CHECK FOR LEAKS, LOST 25 PSI IN 10 MINUTES BUMPED BACK TO 1500 PSI, LOST 15 IN 10 MINUTES BUMPED BACK UP TO 1500 PSI, 1500 P TEST HELD GOOD FOR 30 MIN, MIT TEST NOT DONE CAN'T GET DONE UNTIL LATER, 1 BBLS TO FILL WHEN BUMPED UP.

Summary Rig Activity

Well Name: Federal 14-20-9-17

Start Time			Comment
	10:00	11:00	CHANGE OVER BLOCKS, RIG DOWN, PREP EQUIPMENT FOR MOVE, MOVE RIG OFF LOC.
Start Time			Comment
	11:00	11:30	initial MIT on the above listed well. On 03/04/2014 the casing was pressured up to 1423 psig and charted for 30
		1	minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during
			the test. There was not an EPA representative available to witness the test.
		<u> </u>	EPA# UT22197-10170 FINAL REPORT